

Date: Sat, 22 Oct 94 11:29:02 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: List
Subject: Info-Hams Digest V94 #1144
To: Info-Hams

Info-Hams Digest Sat, 22 Oct 94 Volume 94 : Issue 1144

Today's Topics:

 40 MTR Vert Advice
 Details: Gay Hams/ARRL Settle
Does W1AW step on others (second try) (3 msgs)
 Earth Ground (was: ARRL And Gay Hams S
 Even a blind pig finds an acorn now and then
 Is this legal?
 NoCal 00 goes after Packet BULLETins
 oak.oakland
RACES #349: OPS: Is it true what they say?
 Touch Tone NOT, howbout L Distance?
 TUTORIAL: dB & dBm
 Which is harder ADVANCED OR EXTRA TEST?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 22 Oct 1994 16:17:10 GMT
From: bart@wb6hqm.ampr.org (Bart Rowlett)
Subject: 40 MTR Vert Advice

>>Hi.. I bet somebody out there has some advice for me concerning
>>the relative merits of various vertical antennas on the market.
>>I'm thinking about maybe the Hustler 6-BTV or maybe the GAP
>>Challenger or perhaps the Butternut HF-2V. I've got an R7 but
>>its pretty lousy on 40 mtrs. and I've got a beam for 10-20 so I
>>don't care about that. Mostly interested in 40 but 80 would be
>>nice too. I'd appreciate any advice but keep it simple because

>

I have two antennas I use for 40 & 80 meters on my urban city lot.

I have a 5BTV multiband vertical mounted on the edge of the roof, about 10 feet above ground with the counterpoise wires strung on top the roof. There are two counterpoise wires for each pre-war band and the arrangement can best be described as haphazard, with much room for improvement.

The second antenna is a off-center fed halfwave on 80 meters with the center elevated 30 feet and each end at about 15 feet. It's fed about 25% from one end with 500 ohm open wire feeder; the feedpoint chosen for convenience rather than for electrical reasons. The antenna will be two half wave out of phase on 40 but simulations show the null depths are not more than 6 db or so.

The horizontal wire has only been up a couple of months now but the relative behavior of the two antennas is generally pretty consistent and summarized for 40 & 80 meters as follows:

The horizontal is two S-units stronger for distances less than 800 miles.

The vertical is almost always noisier but there have been exceptions.

The vertical is superior past 1500 miles on 40 but has a problem with the 80 m loading coil which makes it intermittent on 80 but superior when it's working.

The vertical generates slightly more TVI/RFI but they have both been tamed. The vertical is located very close to the Television feedline and causes considerable trouble on 20 meters.

The horizontal causes telephone interference with the next door neighbor when running a kilowatt. The telephone drop is parallel to the antenna and only about 40 feet away. No complaints yet with 100 watts or lower. Good chance a ferrite bead will do the trick.

Since i'm mostly interested in local contacts at distances less than 1000 miles or so, I would take the horizontal antenna if I could only have one. I strongly recommend multiple antennas with provisions for rapidly switching between them for comparison. In several cases, when working intermediate distances, I was able to make the difference between a successful QSO by switching back and forth between the antennas.

Next i'm considering either a second vertical for a phased array setup or maybe a W8JK style beam tweaked to get decent a decent front to back. I'm living on the west coast and figure it makes sense to have

a broad null towards the pacific, at least most of the time. I think it could significantly reduce local noise which is my biggest problem.

Have fun.

bart wb6hqq

bart@wb6hqq.ampr.org

Date: Sat, 22 Oct 1994 13:12:06 UTC
From: an87806@anon.penet.fi
Subject: Details: Gay Hams/ARRL Settle

LAMBDA LEGAL DEFENSE and EDUCATION FUND, INC.
National Headquarters
666 Broadway, Suite 1200
New York, NY 10012

NEWS RELEASE

FOR IMMEDIATE RELEASE
Thursday, October 20, 1994

Contact: Denny Lee, Public Information Coordinator
212-995-8585/0085

GAY AIRWAVES GROUP SETTLES MAGAZINE DISPUTE

Lambda Amateur Radio Club Settles Discrimination Case against American Radio Relay League

The Lambda Amateur Radio Club (LARC), a national gay ham radio association, and the American Radio Relay League announced a settlement this week of LARC's discrimination complaint against the League for refusing to publish the gay group's notice in its classified advertising section. This favorable settlement commits the League to adopt a non-discriminatory policy, and provides LARC with attorney's fees, remedies for non-compliance, and free advertising.

"This settlement shows that Connecticut's civil rights law is an effective tool for remedying discrimination," said Suzanne B. Goldberg, a staff attorney with Lambda Legal Defense and Education Fund, who represented the radio club along with cooperating lawyers from the New York law firm of Brown Raysman & Millstein.

For more than six years, the editors of QST, a monthly radio-issues magazine published by the League, rejected LARC's submission of a classified advertisement that read: "'Lambda Net' club for gay hams with members nationwide and Canada. On-air skeds and newsletter. For info write...."

American Radio Relay League, which is based in Hartford, Conn., contended that it rejected the ad for representing a "special interest," although QST continued to publish the ads of other ham radio clubs with memberships ranging from Jehovah's witnesses and Ayn Rand enthusiasts, to missionaries and animal rights supporters.

In one of the first cases to test the reach of Connecticut's state-wide law prohibiting sexual orientation discrimination which took effect in 1991, the state's Commission on Human Rights and Opportunities ruled in February 1994 that it had "reasonable cause" to hold that the League's refusal to print the classified was motivated by bias against the member's sexual orientation. "The issue in this instance is clearly the fact that LARC's members identify themselves as Gay," the commission wrote. Settlement negotiations between the parties have been ongoing ever since.

Under the terms of the agreement finalized today, the League is to publish a non-discriminatory statement in each subsequent edition of QST, run four one-eight page block advertisements, and print six classified advertisements, all at no charge to LARC. In addition, ARRL is to pay \$25,000 in attorney's fees, and commit to a policy of non-discrimination towards other lesbian and gay ham radio associations.

"The initial victory at the Commission was an important indication of the seriousness with which Connecticut is treating sexual orientation discrimination complaints," added Goldberg. "This settlement not only confirms Connecticut's resolve, but broadcasts a clear signal that anti-gay discrimination doesn't pay."

* * *

Lambda Legal Defense and Education Fund is the nation's leading non-profit legal organization working to protect and advance the rights of lesbians, gay men, and people living with HIV and AIDS. Headquartered in New York, and with offices in Los Angeles and Chicago, Lambda has regional and national expertise in all aspects of sexual orientation and HIV-related law and policy.

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

Date: Sat, 22 Oct 1994 14:32:47 GMT
From: jdc3538@ulb.rit.edu (J.D. Cronin)
Subject: Does W1AW step on others (second try)

I don't listen to the ARRL station, W1AW, but some of the local folks
do. Is it true that when their scheduled broadcast time comes they step
on any unfortunate enough to have a QSO going on that frequency? Is this
deliberate interference or to they have a right to the time/frequency
above all others?

73...Jim N2VNO

Date: Sat, 22 Oct 1994 16:26:48 GMT
From: waluar@world.std.com (Michael A McCarthy)
Subject: Does W1AW step on others (second try)

J.D. Cronin (jdc3538@ulb.rit.edu) wrote:
: I don't listen to the ARRL station, W1AW, but some of the local folks
: do. Is it true that when their scheduled broadcast time comes they step
: on any unfortunate enough to have a QSO going on that frequency? Is this
: deliberate interference or to they have a right to the time/frequency
: above all others?

I am not sure if there is a specific regulation regarding it, but there
are several points to consider. First, the time and frequency is published
and well known. If you want to avoid interference, then you should not
be on those designated frequencies at those times. Second, if someone
is occupying the frequency, how are all of us who want to hear the
bulletines or code practice sessions supposed to find them if they are
forced to look for a clear spot every time on all of the bands? The
bulletins are automated so they will happen at the designated time and
frequency without operator intervention. If they did not, then we would
probably never be able to find them.

--

===== Give every man his Dew =====

--... -- Michael A. McCarthy

Everest Engineering Corp., Consultants, 4 Barnes Circle, Marlborough, MA 01752
Voice (508) 460-6737 - E-mail to waluar@world.std.com

Date: 22 Oct 1994 10:51:33 -0600

From: rdavis@nyx10.cs.du.edu (Robert Davis)

Subject: Does W1AW step on others (second try)

jdc3538@ulfb.isc.rit.edu (J.D. Cronin) writes:

>I don't listen to the ARRL station, W1AW, but some of the local folks
>do. Is it true that when their scheduled broadcast time comes they step
>on any unfortunate enough to have a QSO going on that frequency? Is thi

>deliberate interference or to they have a right to the time/frequency
>above all others?

>73...Jim N2VNO

W1AW transmits on many frequencies simultaneously.

The purpose of being on specific frequencies is so those who listen for
W1AW to know where to find the signal.

No one has a right to a frequency. Specifically, if you are in a QSO
you have no more right to that frequency than does a person who wants to
start a QSO on the same frequency.

It is a matter of courtesy, not of rights.

W1AW offers a service to Amateur Radio operators and prospective Amateur
Radio operators. W1AW's frequencies and times are well publicized. If
anyone is bothered by the code and bulletin transmissions, then that
person can change frequency by a couple of kilocycles.

--

rdavis@nyx10.cs.du.edu Robert Davis Salina, KS
 Amateur Radio K0FPC

Date: 21 Oct 1994 18:44:33 GMT

From: myers@Cypress.West.Sun.Com (Dana Myers)

Subject: Earth Ground (was: ARRL And Gay Hams S

In article 782684058snz@g4kfk.demon.co.uk, Mike@g4kfk.demon.co.uk (Mike
Gathergood) writes:

>Hi Bob,
>
>> The thread of this discussion is a social issue and is away from the topics
>> of amateur radio. How about moving this discussion to another news group?
>>
>> Thank you, in advance,
>>
>> Bob
>> KE6GTI
>
>Precisely - so why do LARC feel they have the right (or the need) to bring
>our hobby into disrepute in order that a few of their members can come out
>of their sordid closets. It is LARC that is off topic!
>
>73
>Mike
>G4KFK
>
>Straight - and proud!

I don't see how a gay amateur radio club brings our hobby into
disrepute any more than a motorcyclist amateur radio club or a QRP
enthusiast amateur radio club or an over 25 years licensed amateur
radio club.

In other words, if you don't want to join LARC, don't. But don't deny
LARC's "right" to exist and publicly advertise simply because you don't
approve of their "thing".

It is simple; if the discussion is about the right for a gay amateur
radio to exist and be treated like any other special interest amateur
radio group, I don't see what the problem is. Of course special interest
amateur groups ought to exist without discrimination.

If the discussion is about the gay lifestyle, then it isn't about
amateur radio and you probably ought to find a better forum. I, for one,
do not think that the simple mention of LARC, or even a few people defending
LARC, represents offensive activity.

Defending one's own rights is not militancy.

* Dana H. Myers KK6JQ, DoD#: j	Views expressed here are	*
* (310) 348-6043	mine and do not necessarily	*
* Dana.Myers@West.Sun.Com	reflect those of my employer	*
* "Antenna waves be burnin' up my radio" -- ZZ Top		*

Date: Fri, 21 Oct 1994 20:28:26 GMT
From: dmunroe@vcd.hp.com (Approach maximum loads with caution)
Subject: Even a blind pig finds an acorn now and then

Joe Gervais <jgervais@weber.ucsd.edu> wrote:
>> djenkins@jetson.uh.edu (David Jenkins) writes:

[tales of CW & QRP conversion]

>Never had so much fun
>before. Working across North America on 5 watts and a low
>inverted-vee is great! Still want that beam though... :)

Well, here's another: I started out just wanting to get a license and a handheld. By reading the "Now You're Talking" book I became more intrigued with the lower frequencies and the thought of long distance communication. Even on C*tizen's B*nd my enjoyment was going to the rooftop of my highrise apartment building downtown and making distant contacts with only 1 watt; it surprised a few people. Anyway, I'll get the handheld later; I've decided on a 5W rig adjustable down to 100 mW and I think I'll get just a straight key.

I'd love to put up a beam, but where I'm at I can only use a dipole or inverted-V without getting conspicuous enough to cause complaints or questions.

On another note, I've been thinking about why people become hams these days. I have a few friends who are no-code Tech's and I'm certain there's an interest which is something other than just wanting to talk, as CB or cellphones satisfy that need much easier and cheaper.

-Dave

```
-----  
| Dave Munroe / xx7xxx Tech+, just another QRP DX addict |  
| dmunroe@vcd.hp.com / (awaiting license) |  
| / |  
-----
```

Date: Fri, 21 Oct 94 13:15:00 -0500
From: Stanley.Outlaw@capefear.com (Stanley Outlaw)
Subject: Is this legal?


```
SL> I live in New York State and my brother-in-law is presently living in
SL> Colombia, South America. He's not a ham but has a short wave radio.
SL> Would it be legal for me to make a one-way transmission intended for
SL> him to hear, or are amateur radio transmissions only legal if they're
SL> 2-way w/ other hams?
```

73, Stanley / KC4DPC

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... @TAGS.LIS - ***** Return to Main TAGS List *****
--- Via Silver Xpress V4.01 SW22659
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>
>4. Any Packet Bulletin which contains material which relates to
>anything not directly related to amateur radio, or of interest to
>amateur radio operators only, is considered to be "Broadcasting."

>This includes material on Cars, Guns, Politics, Food, Jokes,
>Current Events, etc. etc. etc.
>
>In the above listing the emphasis was supplied by the FCC in the
>letter I have on file.

>73, keep up the good work! Fred Sober, AB6GQ

Now I THINK it was Bob (N6FRI), who replied with this...

>>*** Yes, Fred, keep up the good work. I'm glad that you are doing all
>>*** that you can to make Amateur radio packet boring.

A BIG QSL on the "boring" aspect, OM!

My OPINION is that the message "content" is just as important (if not more so) as the method by which the data is transferred. I LOVE the freedom of the Internet.

I have enough of a problem trying to keep my interest in advancing the amateur radio sota (via cooperative investment in packet infrastructure, TCP/IP/NOS, SS, etc) alive here in Wisconsin what with the total lack of interest by the vast majority of the AX.25 1200 baud beacon fanatics around here. Most just don't care about cooperative INVESTMENT (yes, this takes \$\$\$) in a high-speed backbone.

Now lets make that investment even LESS attractive by LIMITING the type of traffic to that typical, BORING amateur blather about the weather and your current health problems. I swear the FCC WANTS us to die! They'll then have even more spectrum to auction off.

There is a difference between BROADCASTING and POSTING AN ARTICLE so as to encourage intelligent discussion. While SOME packet posts are in poor taste (and approach broadcasting), many result in interesting discussion threads (and yes, a few flame wars).

BIG NEWS: people have different opinions on almost every topic. One of the advantages of living in a "free" country is the exchange of those ideas in an open manor.

Commercial telecomm looks better and better every day. Then again, I'm sure we'll see Internet regulated and censored soon enough.

Maybe those in rec.radio,pirate are right! ;-))

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-----  
/`-_      kevin.jessup@mail.mei.com |  
{      }/ Marquette Electronics, Inc | SS RF: "License? We don't  
 \      / Milwaukee, Wisconsin, USA | need no stinkin' license!"  
 |__*| N9SQB@n9pby.en63ff.wi.usa.na |  
-----
```

Date: Fri, 21 Oct 1994 11:59:13
From: billv@olympus.net (Bill Vaughn)
Subject: oak.oakland

In article <388jse\$ijf@news.duke.edu> tsa1@acpub.duke.edu (Teos Saa Abadia) writes:

>From: tsa1@acpub.duke.edu (Teos Saa Abadia)
>Subject: oak.oakland
>Date: 21 Oct 1994 10:40:14 -0400

> Is the oakland site working? I have been unable to ftp to it
>for weeks. I am trying to get some of the ham-related programs kept at
>the site.

>Thanks.> | Teos Abadia

I have not been able to access them either.

Date: 22 Oct 94 18:17:51 GMT
From: enge@almaden.ibm.COM (Roy Engehausen)
Subject: RACES #349: OPS: Is it true what they say?

Bid : \$RACESBUL.349
Subject: Is it true what they say? 349

From: W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: ALL COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: ALL AMATEURS U.S (@USA: INFORMATION), CAP, MARS.
FROM: CA GOVERNOR'S OFFICE OF EMERGENCY SERVICES
(W6SIG@WA6NWE.CA) PH: 916-262-1600, 2800 Meadowview Rd.,
Sacramento, CA 95832. Landline BBS, 916-262-1657 (Open
to all). Internet crm@oes.ca.gov or seh@oes.ca.gov

BULLETIN 349 OPS: Is it true what they say?
Release Date: October 24, 1994

Question: Is it true, as some publications say, that "...RACES operation is authorized by the FCC at the request of a state or federal official, and this operation is strictly limited to official civil preparedness activity in the event of an emergency communications situation." ?

Response. No. Neither state or federal officials request the FCC to authorize the use of the RACES; and the operation is not so limited as implied.

RACES operation is authorized any time activation is requested by the local or state official with that authority as specified in the jurisdiction's RACES plan.

The FCC regulations authorize the RACES as a service for state and local government, but beyond that no other action is required. RACES is for their needs, and they determine its use and need, not the FCC or FEMA. They do not request that the FCC authorize its use. The only time that a local or state request might be made to the FCC is in the very isolated instance asking for a declaration to RESTRICT AMATEURS FROM NORMAL OPERATIONS during a specific emergency. This is so rare that the FCC routinely turns down the sporadic requests.

As to being "limited to official civil preparedness activity....", such statements seem to echo words in Part 97.407(e) and do convey the idea that RACES activities are much more limited than some other service supposedly without limitation. However, in the real world, a government emergency communications unit can do most activities any other unit can do if (repeat IF) so authorized and properly handled, by its sponsoring government civil defense agency for training and familiarization purposes in preparation for emergency communications. The key is how the situation is handled and structured. For more information on how RACES units do utilize the broad flexibility they possess it is suggested that you review the bulletins issued over the past year or so.

Remember, however, that the RACES prime mission is emergency Public Safety Communications support for and on behalf of the local or state government civil defense program. In today's world that includes many activities that do not involve operation on Amateur Radio frequencies.

Cary Mangum, W6WWW, LL.B., JD.,
California OES Chief State Radio Officer
EOM.

RACES Bulletins are archived on the Internet at ftp.ucsd.edu in
hamradio/races or in hamradio/packet/tcpip/incoming and can be
retrieved using FTP. The opinions stated are those of the author of
the bulletin and not the poster.

Date: Fri, 21 Oct 1994 20:46:09 GMT
From: feher@netcom.com (John O. Feher)
Subject: Touch Tone NOT, howbout L Distance?

A followup to the Touch Tone question to all:

Thanx for all your answers. The consensus seems to be that most repeaters
would mask TTs. What would then be the reason discouraging one from
perhaps autopatching even long distance calls by using a calling card.
Since TTs get masked the only drawback would be if locals monitor the
uplink with a tape recorder... is my thinking correct?

Keep the flood of answers comin'

John

Date: Fri, 21 Oct 1994 17:59:27 GMT
From: defranco@fermi.cs.rl.af.mil
Subject: TUTORIAL: dB & dBm

Great introduction - well done, except for one minor nit.
A decibel is always relative. As you clearly demonstrate,
the decibel is the log of a ratio of two quantities. As such,
the resulting number is always relative. By fixing one of
the quantities, say as one milliwatt, you simply define one
of the two. That doesn't make dBm an absolute quantity.
Othewise, great.

Date: 21 Oct 94 15:56:29 EST
From: clmorgan@mumr2.mid.muohio.edu (Carl Morgan)

Subject: Which is harder ADVANCED OR EXTRA TEST?

In article <37uv1p\$gt5@mark.ucdavis.edu>, szhall@chip.ucdavis.edu (Jeff Hall) writes:

> Whats your opinon? Is the written Advanced class or Extra class exam
> harder? I am just asking about the written test not the code..thanks..Jeff
>

Hands down, the Advanced! And, may I say, so should it be.

73 >< Carl
K8NHE

Date: 22 Oct 94 09:40:05 CDT
From: tinamou@vega.cray.com (Doug Nicholson)

References<0061A62E019D1B76@-SMF-> <388gst\$3n5@dartvax.dartmouth.edu>,
<388k0a\$iva@news.duke.edu>
Subject: Re: Earth Ground (was: ARRL And Gay Hams Settle Complaint)

jbs@ee.duke.edu wrote:

: If LARC didn't exist, the issue of sexual orientation of hams would
: never even come up in the context of amateur radio.

Come on! Think about it! The issue of sexual orientation comes up anywhere and anytime. When a man talks about his wife you think he's not also talking about his sexual orientation? When a woman talks about her husband you think she's not also talking about her sexual orientation? And what about when people talk about their kids? You don't think that implies some sort of sexual orientation?

Obviously you don't see how sex is an important part of people's personal lives and how they make that public. But we see it. We see it everyday.

Doug Nicholson
tinamou@cray.com

Date: 22 Oct 94 01:19:15 CDT
From: tinamou@vega.cray.com (Doug Nicholson)

References<Cxt1FJ.Kpo@news.Hawaii.Edu> <Cxx7xr.M3q@freenet.carleton.ca>,
<Cxxozw.AIH@news.Hawaii.Edu>

Subject: Re: Earth Ground (was: ARRL And Gay Hams Settle Complaint)

Jeffrey Herman (jeffrey@kahuna.tmc.edu) wrote:

: Now, Dave said that he hoped hams would be more tolerant than the
: rest of society concerning the activities of gays. But why should
: society have to change their innate feelings to suit a mere 2% who
: choose to participate in these nauseating acts? Maybe that 2% should
: be more tolerant of our feelings.

The only respect your feelings deserve is measured by the respect you
have for others feelings. We've been tolerating *YOUR* kind of feelings
for hundreds of years and we're sick of it.

Doug Nicholson
tinamou@cray.com

End of Info-Hams Digest V94 #1144
